

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Yoshiho GOTOH et al.

Serial No.: Unknown (Division of Serial No. 09/676,350)

Filing Date: Herewith

For: INFORMATION RECORDING MEDIUM AND SYSTEM CONTROLLER

Examiner: Unknown

Art Unit: 2651 (Anticipated)

**Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231**

**PRELIMINARY AMENDMENT**

Sir:

Entry of the following amendments prior to examination on the merits is respectfully requested.

**AMENDMENTS**

**IN THE CLAIMS:**

Please cancel original claims 1-85 without prejudice or disclaimer.

Please add new claims 86-87 as follows:

86. (New) A method for reproducing real-time data from an information recording medium comprising a volume space for at least recording in sectors a file comprising data and file management information for managing the file, wherein:

- the real-time data comprises at least one of video data and audio data;
- the real-time data is recorded in at least one real-time extent each of which is allocated with logically contiguous sectors within the volume space;
- a linking loss extent for recording invalid data is positioned before each of the at least one real-time extent; and
- the at least one real-time extent comprises a linking gap, wherein the linking gap is a region which overwrites an already-recorded area through appending, wherein the method comprises the steps of:
  - determining whether or not the file recorded on the information recording medium is a real-time file containing the real-time data; and
  - performing a reproduction operation for the real-time data recorded in the at least one real-time extent, the reproduction operation being continuously performed without performing a recovery process even if a reproduction error due to invalid data recorded in the linking gap occurs.

87. (New) An information reproduction apparatus for reproducing real-time data from an information recording medium comprising a volume space for at least appending in sectors a file comprising data and file management information for managing the file,

wherein:

- the real-time data comprises at least one of video data and audio data;
- the real-time data is recorded in at least one real-time extent each of which is allocated with logically contiguous sectors within the volume space;
- a linking loss extent for recording invalid data is positioned before each of the at least one real-time extent; and

the at least one real-time extent comprises a linking gap, wherein the linking gap is a region which overwrites an already-recorded area through appending,

wherein the information reproduction apparatus comprises:

a file structure processing section for determining whether or not the file recorded on the information recording medium is a real-time file containing the real-time data; and

a data reproducer for performing a reproduction operation for the real-time data recorded in the at least one real-time extent, the reproduction operation being continuously performed without performing a recovery process even if a reproduction error due to invalid data recorded in the linking gap occurs.

#### REMARKS

Claims 86-87 are now pending in the application. Favorable consideration of the application, as amended, is respectfully requested.

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

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Should a petition for an extension of time be necessary for the timely reply to the outstanding Office Action (or if such a petition has been made and an additional extension is necessary), petition is hereby made and the Commissioner is authorized to charge any fees (including additional claim fees) to Deposit Account No. 18-0988.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP



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DATE: June 15, 2001

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